WHAT IS CLAIMED IS:

1. A multimedia browser, comprising:

a delivery media integration framework and flexible demultiplexing layer;

an access layer connected to the delivery media integration framework and flexible demultiplexing layer;

an MPEG-4 media decoder structure connected to the access layer and having at least one media decoder ;

a binary format of scene decoder connected to the access layer and the MPEG-4 media decoder structure;

compositor connected to the MPEG-4 media decoder structure; and

a display process.

2. The multimedia browser of claim 1, wherein the MPEG-4 media decoder structure comprises at least one of:

a video object decoder;

a facial/object animation object decoder;

an image texture object decoder;

an audio object decoder; and

a structured audio object decoder.

3. The multimedia browser of claim 1, wherein the binary format of scene decoder is further connected to the compositor.

4. The multimedia browser of claim 1, wherein at least one control signal from at least one user input device is provided to the compositor.

5. The multimedia browser of claim 1, wherein:

the delivery media integration framework and flexible demultiplexing layer receives MPEG-4 coded content, the MPEG-4 coded content including at least one of audio media, visual media and synthetic media; and

the delivery media integration framework and flexible demultiplexing layer outputs to the access layer at least one flexmux protocol data unit extracted from the MPEG-4 coded content.

6. The multimedia browser of claim 5, wherein the access layer outputs at least one unformatted access layer protocol data unit extracted from the at least one flexmux protocol data unit.

7. The multimedia browser of claim 6, wherein unformatted access layer protocol data units extracted from the at least one flexmux protocol data unit that correspond to coded video streams are output to a video object decoder of the MPEG-4 media decoder structure.

8. The multimedia browser of claim 6, wherein unformatted access layer protocol data units extracted from the at least one flexmux protocol data unit that correspond to coded facial and/or animation streams are output to a facial/object animation object decoder of the MPEG-4 media decoder structure.

9. The multimedia browser of claim 6, wherein unformatted access layer protocol data units extracted from the at least one flexmux protocol data unit that correspond to coded audio streams are output to an audio object decoder of the MPEG-4 media decoder structure.

10. The multimedia browser of claim 6, wherein unformatted access layer protocol data units extracted from the at least one flexmux protocol data unit that correspond to coded speech streams are output to a structured audio object decoder of the MPEG-4 media decoder structure.

11. The multimedia browser of claim 6, wherein unformatted access layer protocol data units extracted from the at least one flexmux protocol data unit that

correspond to scene description representations are output to the binary format of scene decoder.

12. The multimedia browser of claim 1, wherein the multimedia browser is provided as a plug-in to a document browser.

13. The multimedia browser of claim 1, wherein the multimedia browser is at least partially integrated with a document browser.

14. The multimedia browser of claim 13, wherein the multimedia browser is fully integrated with the document browser.

15. The multimedia browser of claim 1, wherein the multimedia browser is implemented as at least one native method.

16. The multimedia browser of claim 15, wherein the at least one native method can be called by a Java method.

17. The multimedia browser of claim 15, wherein the at least one native method can call a Java method.

18. A multimedia browser that inputs MPEG-4 data having a scene description graph and data related to at least one object, comprising:

an audiovisual object demultiplexer and binary format of scene browser;

a binary format of scene (BIFS) scene description graph interpreter connected to the audiovisual object demultiplexer and binary format of scene browser; and

a media decoders, compositor and renderer connected to the BIFS scene description graph interpreter and the audiovisual object demultiplexer and binary format of scene browser.

19. The multimedia browser of claim 18, wherein at least one control signal from at least one user input device is provided to the audiovisual object demultiplexer and binary format of scene browser.

20. The multimedia browser of claim 18, wherein the MPEG-4 data having a scene description graph and data related to at least one object comprises MPEG-4 coded content, the MPEG-4 coded content including at least one of audio media, visual media and synthetic media.

21. The multimedia browser of claim 18, wherein the binary format of scene (BIFS) scene description graph interpreter invokes at least one media decoder based on the scene description graph.

22. The multimedia browser of claim 18, wherein the binary format of scene (BIFS) scene description graph interpreter comprises:

at least one object node; and

at least one corresponding object programmer interface, each object programmer interface connected to a corresponding one of the at least one object node.

23. The multimedia browser of claim 22, wherein the media decoders, compositor and renderer comprises:

at least one decoder, each decoder connected to a corresponding one the at least one object programmer interface; and

a scene compositor connected to the at least one decoder.

24. The multimedia browser of claim 23, wherein the scene compositor is connected to the audiovisual object demultiplexer and binary format of scene browser and the audiovisual object demultiplexer and binary format of scene browser is connected to the scene compositor .

25. The multimedia browser of claim 18, wherein the binary format of scene (BIFS) scene description graph interpreter comprises:

a VideoObject2D node or a MovieTexture node connected to the audiovisual object demultiplexer and binary format of scene browser;

a video object programmer interface connected to the VideoObject2D or MovieTexture node;

an AudioSource node connected to the audiovisual object demultiplexer and binary format of scene browser;

an audio object programmer interface connected to the AudioSource node;

an ImageTexture node connected to the audiovisual object demultiplexer and binary format of scene browser; and

an image object programmer interface connected to the ImageTexture node.

26. The multimedia browser of claim 25, wherein the media decoders, compositor and renderer comprises:

a video object decoder connected to the video object programmer interface;

an audio object decoder connected to the audio object programmer interface;

an image object decoder connected to the image object programmer interface; and

a scene compositor connected to each of the video object decoder, the audio object decoder, and the image object decoder.

27. The multimedia browser of claim 26, wherein the scene compositor is connected to the audiovisual object demultiplexer and binary format of scene browser and the audiovisual object demultiplexer and binary format of scene browser is connected to the scene compositor .

28. The multimedia browser of claim 25, wherein the binary format of scene (BIFS) scene description graph interpreter further comprises:

a proto node; and

a native proto programmer interface connected to the proto node.

29. The multimedia browser of claim 28, wherein the media decoders, compositor and renderer comprises:

a video object decoder connected to the video object programmer interface;

an audio object decoder connected to the audio object programmer interface;

an image object decoder connected to the image object programmer interface;

a native proto implementation connected to the native proto programmer interface; and

a scene compositor connected to each of the native proto implementation, the video object decoder, the audio object decoder, and the image object decoder.

30. The multimedia browser of claim 29, wherein the scene compositor is connected to the audiovisual object demultiplexer and binary format of scene browser and the audiovisual object demultiplexer and binary format of scene browser is connected to the scene compositor .

31. The multimedia browser of claim 25, wherein the binary format of scene (BIFS) scene description graph interpreter further comprises:

a script node;

an interpreter programmer interface connected to the script node; and

a scripting interface.

32. The multimedia browser of claim 31, wherein the media decoders, compositor and renderer comprises:

a video object decoder connected to the video object programmer interface;

an audio object decoder connected to the audio object programmer interface;

an image object decoder connected to the image object programmer interface;

a native proto implementation connected to the native proto programmer interface;

a JavaScript interpreter connected to the interpreter programmer interface;

a Java interpreter connected to the interpreter programmer interface; and

a scene compositor connected to each of the scripting interface, the native proto implementation, the video object decoder, the audio object decoder, and the image object decoder.

33. The multimedia browser of claim 32, wherein the scene compositor is connected to the audiovisual object demultiplexer and binary format of scene browser and the audiovisual object demultiplexer and binary format of scene browser is connected to the scene compositor.

34. The multimedia browser of claim 32, wherein the JavaScript interpreter and the Java interpreter are connected to the scripting interface.

35. The multimedia browser of claim 34, wherein the multimedia browser supports programmatic behavior and interaction via the JavaScript interpreter and the Java interpreter to modify the scene internally.

36. The multimedia browser of claim 31, wherein the scripting interface is connected to the audiovisual object demultiplexer and binary format of scene browser.

37. The multimedia browser of claim 18, wherein at least one control signal from at least one user input device is provided to the audiovisual object demultiplexer

and binary format of scene browser and to the binary format of scene (BIFS) scene description graph interpreter.

38. The multimedia browser of claim 18, further comprising an adaptive audio visual session connected to the audiovisual object demultiplexer and binary format of scene browser.

39. The multimedia browser of claim 38, wherein at least one control signal from at least one user input device is provided to the adaptive audio visual session.

40. The multimedia browser of claim 38, wherein the adaptive audio visual session comprises:

an adaptive audio visual session external interface;

a browser specific binding connected to the adaptive audio visual session external interface; and

a browser programmer interface connected to the browser specific binding.

41. The multimedia browser of claim 40, wherein the audiovisual object demultiplexer and binary format of scene browser is connected to the browser programmer interface.

42. The multimedia browser of claim 40, wherein at least one control signal is provided to the adaptive audio visual session external interface.

43. The multimedia browser of claim 42, wherein the at least one control signal is an adaptive audio visual session external script or applet.

44. The multimedia browser of claim 18, wherein the multimedia browser supports programmatic behavior and interaction via at least one of Java and JavaScript to modify the scene internally.

45. The multimedia browser of claim 18, wherein the multimedia browser supports external interface for BIFS player control in response to changing resources and support of user interaction